

Applic. No. 10/822,024

Amdt. dated May 23, 2005

Reply to Office action of February 22, 2005

Claim Amendments

This listing of the claims will replace all prior versions,  
and listings, of claims in the application:

Claims 1-14 (cancelled).

Claim 15 (currently amended): A method of operating a machine  
processing printing material sheets, which comprises:

providing a sheet transport drum of the printing machine with  
drum circumferential shells;

operating the sheet transport drum in various operating modes;

in a first of the operating modes, fixing the drum  
circumferential shells in an outer position on the sheet  
transport drum at a distance from an axis of rotation of the  
drum;

in a second of the operating modes, fixing the drum  
circumferential shells in an inner position on the sheet  
transport drum at a distance from the axis of rotation of the  
drum being less than the distance in the outer position;

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before a start of a third of the operating modes, removing the drum circumferential shells from the sheet transport drum during a drum conversion; and

in the third operating mode, rotating the sheet transport drum without the drum circumferential shells.

Claim 16 (original): The method according to claim 15, which further comprises:

providing the sheet transport drum with adjustable carriers; and

in the first and second operating modes, carrying the drum circumferential shells with adjustable carriers.

Claim 17 (original): The method according to claim 16, which further comprises providing the adjustable carriers of the sheet transport drum as swinging arms of coupler mechanisms.

Claim 18 (original): The method according to claim 16, which further comprises, during a change in an operating mode carried out between the first and second operating modes, adjusting each of the drum circumferential shells, together

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with a respective one of the adjustable carriers, into one of the inner and outer positions.

Claim 19 (original): The method according to claim 16, which further comprises, during the drum conversion, guiding the drum circumferential shells with the adjustable carriers by moving the drum circumferential shells along the adjustable carriers and guiding the drum circumferential shells with the adjustable carriers during the movement.

Claim 20 (original): The method according to claim 16, which further comprises:

disposing guides separately from the adjustable carriers on the sheet transport drum; and

during the drum conversion, guiding the drum circumferential shells with the guides by moving the drum circumferential shells along the guides and guiding the drum circumferential shells with the guides.

Claim 21 (original): The method according to claim 19, which further comprises respectively guiding the drum circumferential shells with the sheet transport drum not rotating.

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Claim 22 (original): The method according to claim 16, which further comprises, during the drum conversion, pushing the drum circumferential shells away from the sheet transport drum by rotational movements of the sheet transport drum.

Claim 23 (original): The method according to claim 16, which further comprises:

in the first and second operating modes, holding the drum circumferential shells on the sheet transport drum with holders; and

during the drum conversion, automatically releasing the holders by a respective relative movement carried out between the sheet transport drum and at least one machine element separate from the sheet transport drum.

Claim 24 (original): The method according to claim 23, which further comprises utilizing a drum circumferential shell guide as the machine element.

Claim 25 (original): The method according to claim 15, which further comprises, in the third operating mode, transporting

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the printing material sheets with the rotating sheet transport drum.

Claim 26 (original): The method according to claim 15, which further comprises, in the third operating mode, rotating the sheet transport drum for maintenance.

Claim 27 (currently amended): A method of operating a machine processing printing material sheets, which comprises:

operating a sheet transport drum of a printing machine in different modes to:

fix drum circumferential shells on the sheet transport drum in an outer position in a first of the operating modes at a distance from an axis of rotation of the drum;

fix the drum circumferential shells on the sheet transport drum in an inner position in a second of the operating modes at a distance from the axis of rotation of the drum being less than the distance in the outer position; and

remove the drum circumferential shells from the sheet transport drum during a drum conversion to be carried out

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before the start of a third of the operating modes and to  
rotate the sheet transport drum without the drum  
circumferential shells in the third operating mode.